Iowa Department of Natural Resources
Underground Storage Tanks Section
502 East 9th Street
Des Moines, IA 50319-0034

UST Closure Report – Tank and Piping Removal

UST REGISTRATION		LUST *(IF APPLICABLE)*	

Site Name:		
Site Address:	City:	Zip:
Contact Person:		Phone:

OWNER IDENTIFICATION

Name:		Company:	
Street:		E-mail:	
City:	State:	Zip:	Phone:

IOWA LICENSED REMOVER

Name:	Iowa Licensed Remover No:		Date:
Company:		E-mail:	
Address:			Phone:
City:	State:	Zip:	

CERTIFIED GROUNDWATER PROFESSIONAL (CGP)

Name:	Certification No:		Date:
Company:		E-mail:	
Address:			Phone:
City:	State:	Zip:	

CLOSURE SAMPLE COLLECTOR *(IF NOT THE CGP LISTED ABOVE)*

Name:			Date:
Company:		E-mail:	
Address:			Phone:
City:	State:	Zip:	

I certify that I have reviewed this document, appendices and attachments for submittal to the Iowa Department of Natural Resources. To the best of my knowledge, the information provided is true, accurate and complete.

Signature – ***OWNER***	Date	Signature – ***LICENSED REMOVER***	Date
Signature – ***CGP***	Date	Date Submitted	

CURRENT SITE CONDITIONS						
Description of the removed UST System and Tank Pit (This page may be photocopied if more than 6 tanks were removed)						
TANK NUMBER	**1**	**2**	**3**	**4**	**5**	**6**
Date Tank Removed						
Date Piping Removed						
Tank Size (gallons)						
Tank Length						
Tank Diameter						
Tank Age (approximately)						
Tank Contents						
Tank Construction Material						
Leak Detection Method Used During Active Life of Tank						
Number of Remaining Tanks:						
Will new USTs be installed at site? ☐ Yes ☐ No						
If *No*, and no tanks remain, what is planned future use of site?						
EXCAVATION (TANK PIT) CONDITION						
Surface Staining (Yes/No)						
Excavation Depth						
Excavation Length						
Excavation Width						
Free Product (Yes/No)						
Notable Odors (Yes/No)						
Soil Discoloration (Yes/No)						
Water in Tank Pit (Yes/No)						
Depth to Water						
Sheen on Water (Yes/No)						
Composition of Backfill Material						
Composition of Native Soil						
EXTERIOR TANK CONDITION						
Excellent/Good/Poor						
(X ALL THAT APPLY)						
General Corrosion	☐	☐	☐	☐	☐	☐
Random Pitting	☐	☐	☐	☐	☐	☐
Perforations	☐	☐	☐	☐	☐	☐
Location of perforations on tank	☐	☐	☐	☐	☐	☐
Stress-Corrosion Cracking	☐	☐	☐	☐	☐	☐
Possible Leak Locations						
PIPING CONDITION *(SEE TANK CONDITION)*						
Piping Construction Material						
Possible Leak Locations						

TANK CLEANING AND DISPOSAL						
Tank Cleaning Method Used						
Final Disposition of Sludge and Wastewater						
Contractor Responsible for Tank Cleaning/Disposal (Name/Address/Phone)						
Tank Disposal Location						
TANK NUMBER	1	2	3	4	5	6
Quantity of Surplus Product Removed From Tanks (gallons)						
Final Disposition of Surplus Product						

DISPOSAL / TREATMENT OF BACKFILL	
Volume of soils disposed (yds^3 or tons)	
Location where soils were disposed or treated (attach copy of land application form if appropriate)	

SOIL ANALYTICAL SUMMARY *(MG/KG)*

Complete the table below with soil analytical data for each sample. Attach laboratory analytical results, including completed chain of custody form(s) as Appendix 3.

SAMPLE I.D.	DATE SAMPLED	DEPTH OF SOIL SAMPLE	FIELD SCREENING (PPM)	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TEH DIESEL	TEH WASTE OIL

Was there an odor or visible staining noticed from any of the soil samples? If so which samples?

Was bedrock present?

Was the backfill returned to the tank pit?

GROUNDWATER ANALYTICAL DATA *(UG/L)*

Complete the table below with groundwater analytical data for each boring/monitoring well. Attach laboratory analytical results, including completed chain of custody form(s) as Appendix 3.

SAMPLE I.D.	DATE SAMPLED	FIELD SCREENING	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES	TEH-DIESEL	TEH-WASTE OIL

Was there a petroleum sheen or odor noticed from any of the groundwater samples? If so, which samples?

Discussion/Recommendations (based on lab results and visual observations):

SUPPORTING DOCUMENTATION AND INFORMATION

ATTACH THESE ITEMS TO THE CLOSURE REPORT

Appendix 1. Dimensioned Site Diagram:

a) Location of all USTs, piping runs and dispenser islands
b) Sampling locations/identification that correspond to the laboratory analytical reports
c) Boring/monitoring well locations
d) Location of buildings and above ground tanks and piping on the site (include size and contents of ASTs)
e) Groundwater flow direction (if unknown, estimate and explain how determined)
f) North arrow
g) Scale of the diagram in feet (or at least provide distances in feet)
h) Dimensions of: 1) excavation pit area (NB: overexcavation is limited to one foot of contaminated soils. A soil sample must be collected after overexcavation from the area showing the greatest contamination)
i) Location of underground utilities within 100 feet of the site (e.g., sanitary sewers, public/private wells, power lines, storm sewers, utility trenches, water lines, pipelines, etc.)

Appendix 2. Soil Boring Logs / Monitoring Well Construction Diagrams

Stratigraphic logs of the boreholes and construction details of the well (see attached log), and disposition of the monitoring well after sampling

Appendix 3. Laboratory Analytical Results

Certified laboratory analytical results for each sample, including completed chain of custody form(s)

Appendix 4. Tank Tags

Remove tanks and return them with closure report

Appendix 5. Tanks and Tank Cleaning

a) Tank cleaning/disposal (e.g., signed statement from the party who performed the cleaning service indicating the UST was cleaned, and a certificate of disposal from the receiving facility
b) b. Documentation of sludge/wastewater disposal (e.g., signed statements, copies of permits)
c) Photographs of the cleaning of the tanks

Appendix 6. Soil and Water Disposal

a) Documentation of the proper disposal of contaminated soil (e.g., landfill disposal receipts, weight tickets
b) Documentation of the proper disposal of contaminated pit water, including: signed statement of permission from the POTW prior to disposal;
c) Documentation of wastewater characterized by the POTW, and
d) Appropriate documentation that the wastewater was accepted by the POTW

Color Photographs

a) Photos before excavation
b) Ends and sides of all tanks
c) Cleaned interior of tanks
d) Tank pit floor and sidewalls
e) Product line and dispenser trenches
f) Bedrock if exposed
g) Sealed USTs/product lines that are closed in place
h) Photos after completion of closure
i) Descriptions of photos
j) Disk of color photos

SOIL BORING LOG AND MONITORING WELL CONSTRUCTION DIAGRAM		
*Boring/Well Identification:	UST Registration No:	LUST No:
**Boring Depth (ft) X Diameter (in):		Well Owner's Name:
Start Date:	Finish Date:	Drilling Method:
Permanent Well: ☐	Temporary Well: ☐	Depth to Static Water Level:
Total Depth of Well:	Depth to Bedrock:	Top of Casing:
Drilling Company:		Top of Screen:
Company Address:		City, State, Zip:
Certified Driller's Signature:		Logged by:
Driller's Registration Number:		Date Logged:

DEPTH (FEET)	WELL CONSTRUCTION SKETCH	SAMPLE NO.	SAMPLE ***TYPE	PID / FID READING	ROCK FORMATIONS, SOIL, COLOR AND CLASSIFICATIONS, OBSERVATIONS (MOISTURE, ODOR, ETC.) FIRST COLUMN FOR USCS

* Example: MW-1 or SB-1

**Example: 15 feet x 7 inches

*** Hollow Stem Auger (HS), Split Spoon (SS), Continuous Core (CC)

Examples of Observations (right column):

Cement; rock; crushed gravel/fill material; black silt, loose, moist; sands, moist, brown, firm; sand, dark gray, moist, petroleum odor; clay, sandy, brown, dry; gravely sand, dry; silty sands, mosit